

Converting Colors

XYZ(127.5334, 93.8167,
42.4721)

Have a look what the booklet for
XYZ(127.5334, 93.8167, 42.4721)
contains.

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Color

**XYZ(66.4482, 62.2101,
39.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC29B
RGB	255, 194, 155
RGB Percent	100%, 76%, 61%
CMY	0.0000, 0.2392, 0.3922
CMYK	0.00, 0.24, 0.39, 0.00
HSL	23°, 100%, 80%
HSV	23°, 39%, 100%
XYZ	66.4482, 62.2101, 39.5159
YIQ	207.7930, 48.8750, 0.8030

Conversions

Conversions Part 2

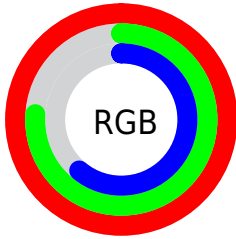
Format	Color
R _Y B	255, 219, 155
Decimal	16761499
CIE Lab	83.03, 16.93, 28.07
CIE LCh	83, 32.784, 58.905
Yxy	62.2101, 0.3951, 0.3699
Android (android.graphics.Color)	4294951579 (0xFFFFC29B)
YUV	207.7930, -26.0269, 41.4005
Hunter-Lab	78.8734, 12.3519, 25.5068

Details

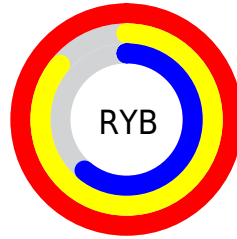
The XYZ color **66.4482, 62.2101, 39.5159** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.1226, 63.2981, 103.8675**, and the grayscale version is **59.9625, 63.0853, 68.6998**.

A 20% lighter version of the original color is **87.3700, 94.9075, 74.6869**, and **34.5912, 31.4712, 17.0834** is the 20% darker color. If you saturate the color by 10%, you get **61.2465, 54.8796, 28.3089**, and if you desaturate by 10%, it is **72.4676, 70.4520, 53.2276**.

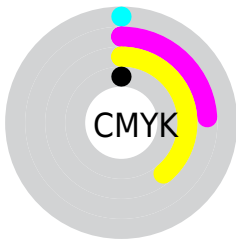
Distribution



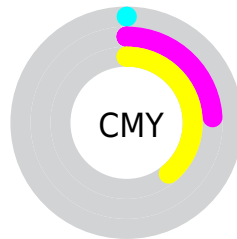
- Red (100%)
- Green (76%)
- Blue (61%)



- Red (100%)
- Yellow (86%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4482, 62.2101, 39.5159 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 66.4482, 62.2101, 39.5159 by changing the saturation by 10% instead.


 66.4482, 62.2101,
39.5159


 66.4482, 62.2101,
39.5159


437.4415,
432.6971, 359.5702

 48.9054, 45.2025,
26.8504


 113.1835,
108.0291, 75.6548

 34.7587, 31.6169,
17.2294


 143.1068,
137.6093, 99.9652

 23.6427, 21.0691,
10.2345


177.8875,
172.1492, 128.9944

 15.1921, 13.1745,
5.4471

217.8912,
212.0331, 163.1609

 9.0415, 7.5488,
2.4486

263.4830,
257.6454, 202.8831

 4.8256, 3.8076,
0.8127

315.0285,

 2.1790, 1.5665,

309.3706, 248.5797

0.0000

372.8928,
367.5930, 300.6692

■ 0.7316, 0.3349,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4482, 62.2101,
39.5159

■ 66.4482, 62.2101,
39.5159

■ 61.2465, 54.8796,
28.3089

■ 72.4676, 70.4520,
53.2276

■ 56.8181, 48.4181,
19.4482

■ 79.3367, 79.6282,
69.5819

■ 53.1207, 42.7924,
12.7624

■ 87.0917, 89.7717,
88.7108

■ 50.1057, 37.9632,
8.0551

95.0500, 100.0000,
108.9000

■ 47.7166, 33.8873,
5.0936

■ 45.8741, 30.5106,
3.5288

■ 45.7459, 30.2718,
3.4320

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8761, 62.2101, 50.5719



66.4482, 62.2101, 39.5159



59.3896, 62.2101, 35.7339

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4482, 62.2101, 39.5159



46.5260, 62.2101, 66.9933



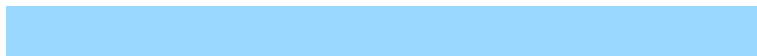
65.9620, 62.2101, 107.9589

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



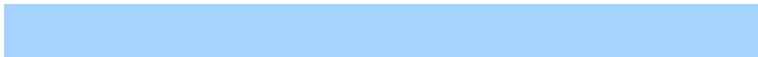
66.4482, 62.2101, 39.5159



56.1226, 63.2981, 103.8675

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.8689, 62.2101, 114.7182



66.4482, 62.2101, 39.5159



47.9855, 62.2101, 88.4016

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4482, 62.2101, 39.5159



48.2124, 62.2101, 49.5165



52.3677, 62.2101, 106.9447



71.5800, 62.2101, 89.9529

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4482, 62.2101, 39.5159



54.8234, 62.2101, 37.1211



52.3677, 62.2101, 106.9447



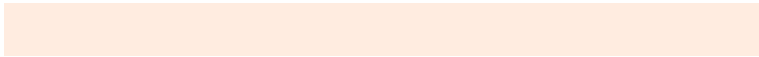
63.6540, 62.2101, 111.7634

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.4498, 62.2131, 39.5171



84.8411, 86.8479, 83.0975



65.4428, 49.6957, 71.5620



17.9387, 18.3011, 17.2391



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4498, 62.2131, 39.5171



62.3308, 56.4276, 30.5835



79.3070, 87.9276, 43.8029



18.5904, 19.1490, 18.8606



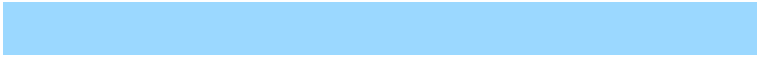
24.0377, 16.0866, 1.8381



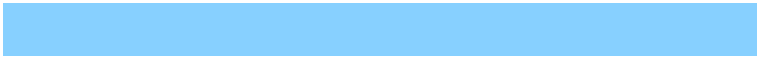
2.4429, 1.7712, 0.2131

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.1226, 63.2981, 103.8675



50.6832, 57.6181, 103.0579



45.3259, 41.7047, 100.2686



17.9252, 19.2221, 23.0154



15.7524, 16.4143, 51.7726



1.6400, 1.8108, 5.0763

Previews

White Background



This preview shows how the XYZ color 66.4482, 62.2101, 39.5159 looks on a white background.

Color Contrast Check

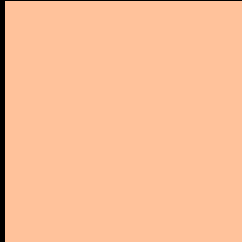
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 66.4482, 62.2101, 39.5159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

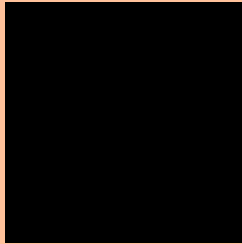
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4482, 62.2101, 39.5159

Background



This preview shows how black text looks on a background with the XYZ color 66.4482, 62.2101, 39.5159.



This preview shows how white text looks on a background with the XYZ color 66.4482, 62.2101,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.4482, 62.2101, 39.5159

Protanopia

58.5646, 62.5710, 42.7089

Deuteranopia

63.5644, 62.4130, 39.2686



Tritanopia

70.3141, 62.3512, 64.2061

Trichromacy



Original Color

66.4482, 62.2101, 39.5159

Protanomaly

60.9828, 62.0679, 41.5671

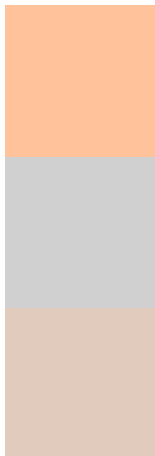
Deuteranomaly

64.5104, 62.2221, 39.1818

Tritanomaly

68.6278, 62.0244, 54.2538

Monochromacy



Original Color

66.4482, 62.2101, 39.5159

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.5926, 62.3935, 56.9410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4482, 62.2101, 39.5159 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 194, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 194, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 155) }
```

Border

The CSS property to change the border of an element to XYZ 66.4482, 62.2101, 39.5159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 194, 155) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 194, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 194, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4482, 62.2101, 39.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
194, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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